

## CLAIMS

1. A method for the production of a documentary chain on the basis of a structured model , characterized in that it comprises the following steps:

- loading of a structured model into a modeling tool;
- generation of documentary fragments of the model;
- selection of the model comprising the documentary information and of the generator of documentary fragments;
- insertion of the documentary fragments generated into the documentary structure of the documentary chain.

2. The method as claimed in claim 1, characterized in that the structured model is a UML model.

3. The method as claimed in claim 1 or 2, characterized in that the update of the documentation is performed with the aid of dynamic links established for each fragment generated between its location in the documentary chain and its physical file arising from the automatic documentary generation.

4. The method as claimed in one of the preceding claims, characterized in that the model is produced with the aid of the "RHAPSODY" tool and that "RHAPSODY-DOC" is used to generate the documentary fragments that one desires to include in the final documentation.

5. The method as claimed in claim 4, characterized in that the documentary fragments generated are inserted into a document opened in a text processing.

6. The method as claimed in claim 1, 2 or 3, characterized in that the "RHAPSODY-DOC" tool is used with "DOORS" for the generation of the documentary fragments processing the information around the requirements, then the combination of "RHAPSODY-DOC" with a text processing so as to insert these DOORS fragments and architecture its final document.

7. The method as claimed in claim 1, 2 or 3, characterized in that the "RHAPSODY-DOC" tool is used with "DOORS" and a text processing for the documentary generation.

8. The method as claimed in one of the preceding claims, characterized by the fact that the final documentation comprises manual free text included between the fragments generated.

9. The method as claimed in one of the preceding claims, characterized by the fact that the types of fragments generated are filtered before their insertion into the documentary chain.